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05-13-05
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Joanne Bourguignon

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Ganapathy Krishnan and Scott Oyler
Application No. : 10/770,353
Filed : February 2, 2004
For : Method and System for Securely Incorporating Electronic
Information into an Online Purchasing Application
Docket No. : 35040.001C4
Date : May 13, 2005

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.97(b), applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the nonpatent literature documents are enclosed). Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(c). The Commissioner is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 50-2976. A duplicate copy of this sheet is enclosed.

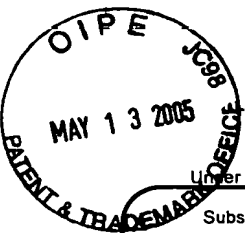
Respectfully submitted,
Ganapathy Krishnan and Scott Oyler
OLYMPIC PATENT WORKS PLLC

Robert W. Bergstrom
Registration No. 39,906

05/16/2005 HALI11 00000110 502976 10770353
01 FC:1806 180.00 DA

Enclosures:

Postcard
Form PTO-1449 (30 pages)
Cited References



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/770,353
Filing Date	02/02/2004
First Named Inventor	Ganapathy Krishnan
Art Unit	3621
Examiner Name	John M. Winter
Attorney Docket Number	35040.001C4

Sheet 1 of 30

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,996,449	12/07/1976	Attanasio et al.	
		US- 4,104,721	01/01/1978	Markstein et al.	
		US- 4,120,030	10/10/1978	Johnstone	
		US- 4,168,396	09/18/1979	Best	
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		US- 4,246,638	01/20/1981	Thomas	
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		US- 4,471,216	09/11/1984	Herve	
		US- 4,513,174	04/23/1985	Herman	
		US- 4,523,271	06/11/1985	Levien	
		US- 4,525,599	06/25/1985	Curran et al.	
		US- 4,558,176	12/10/1985	Arnold et al.	
		US- 4,562,305	12/31/1985	Gaffney, Jr.	
		US- 4,562,306	12/31/1985	Chou et al.	
		US- 4,577,289	03/18/1986	Comerford et al.	
		US- 4,598,288	07/01/1986	Yarbrough et al.	
		US- 4,599,489	07/08/1986	Cargile	
		US- 4,609,777	09/02/1986	Cargile	
		US- 4,609,985	09/02/1986	Dozier	

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Sheet **2** of **30****U. S. PATENT DOCUMENTS**

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		Number-Kind Code ² (if known)			
		US- 4,621,321	11/04/1986	Boebert et al.	
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		US- 4,633,388	12/30/1986	Chiu	
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		US- 5,537,314	07/16/1996	Kanter	
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		Number-Kind Code ² (if known)			
		US- 6,067,582	05/23/2000	Smith et al.	
		US- 6,108,784	08/22/2000	Seidensticker, Jr.	
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		US- 4,471,216	09/11/1984	Herve	
		US- 4,513,174	04/23/1985	Herman	

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		US- 4,558,176	12/10/1985	Arnold et al.	
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		US- 5,291,598	03/01/1994	Grundy	
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		WO 98/58306 A1	12/23/1998	TECHWAVE, INC.		

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Sheet	6	of	30
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		PAREKH, Michael K., et al., "RealNetworks, Inc., Leading Media Delivery for the Digital Age," January 31, 2000	
		TANENBAUM, Andrew S., " OPERATING SYSTEMS; DESIGN AND IMPLEMENTATION," 1987 by Prentice-Hall, Inc.	
		DATE, C.J., "An Introduction to Databse Systems," Volume 1, 1986	
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		DINI, Gianluca et a., "A Replicated File System for Wide-Area Networks,"	
		AMMANN, Paul E., et al., " One-Representative Safely Analysis in the Non-Monotonic Transform Model," 1994	
		SANDHU, Ravi S., et al., "On Testing for Absence of Rights in Access Control Models," June 14, 1994	
		ZURKO, Mary Ellen, et al., "Attribute Support for Inter-Domain Use," June 15, 1993	
		SANDHU, Ravi et al., "A Secure Kernelized Architecture for Multilevel Object-Oriented Databases," IEEE June 16, 1992	

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7

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		PICCIOTTO, Jeffrey et al., "Extended labeling policies for enhanced application support," IEEE, June 18, 1991	
		BORN, Eike et al., "Discretionary access control by means of usage conditions," Computers & Security, Vol. 13, No 5, 1994	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number		10/770,353		
	Filing Date		02/02/2004		
	First Named Inventor		Ganapathy Krishnan		
	Art Unit		3621		
	Examiner Name		John M. Winter		
Sheet	8	of	30	Attorney Docket Number	35040.001C4

NON PATENT LITERATURE DOCUMENTS

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		RUSSELL, S., "Planning for the EDI of Tomorrow Using Electronic Document Authorization," Computer Security, ESORICS 92, Nov. 23, 1992	
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		IOANNIDIS, John, et al., "IP-based Protocols for Mobile Internetworking," Columbia University	
		BELLARE, Mihir, et al., "iKP-A Family of Secure Electronic Payment Protocols," April 16, 1995	
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		SLOMAN, Morris, et al., "Managing Distributed Systems," Domino: A1/IC/1.2, Sept. 25, 1989	

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		STRACK, Hermann, "Extended Access Control in UNIX System V-ACLs and Context," European Institute for System Security	
		KARDEL, Frank, "Frozen Files," USENIX Association, Aug. 27, 1990	
		POLK, Timothy, W., "Approximating Clark-Wilson "Access Triples" with Basic UNIX Controls," USENIX Association, Aug. 27, 1990	
		KAMENS, Jonathan, I., "Retrofitting network security to third-party applications - the SecureBase experience," UNIX Security IV, Oct. 4, 1993	
		HEYDON, Allan, et al., "Specifying and Checking Unix Security Constraints," UNIX Security Symposium, Oct. 4, 1993	
		HAYNES, Rena A., et al., "Software Security for a Network Storage Service," UNIX Security III, Sept. 14, 1992	
		GAMBLE, Todd, "Implementing Execution Controls in Unix," UNIX Security III, Sept. 14, 1992	
		EPSTEIN, Jeremy et al., "A Trusted X Window System Server for Trusted Mach," Nov. 1, 1993	
		SANDHU, Ravi S., et al., "On the Minimality of Testing for Rights in Transformation Models," IEEE, May 16, 1994	
		KELTER, Udo, "Discretionary Access Controls in a High-Performance Object Management System," IEEE, May 20, 1991	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/770,353
Filing Date	02/02/2004
First Named Inventor	Ganapathy Krishnan
Art Unit	3621
Examiner Name	John M. Winter
Attorney Docket Number	35040.001C4

Sheet 17

of

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NON PATENT LITERATURE DOCUMENTS

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		BALDWIN, Robert W., "Naming and Grouping Privileges to Simplify Security Management in Large Databases," IEEE May 7, 1990	
		KEEFE, T.F., et al., "Multiversion Concurrency Control for Multilevel Secure Database Systems," IEEE May 7, 1990	
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	Filing Date		02/02/2004
	First Named Inventor		Ganapathy Krishnan
	Art Unit		3621
	Examiner Name		John M. Winter
Sheet 18	of 30	Attorney Docket Number 35040.001C4	

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		ESKICIOGLU, Almet M., et al., "An overview of multimedia content protection in consumer electronics devices," Purdue University,	
		SANDHU, Ravi S., et al., "Implementation Considerations for the Typed Access Matrix Model in a Distributed Environment," Nat. Computer Security Cof., Oct. 1992	
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		BERTINO, Elisa, "Object-Oriented Database Systems"	
		LAMB, et al., "The Objectstore Database System," Oct. 1991	

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Sheet	20	of	30	Attorney Docket Number	35040.001C4

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		ARNEKE, David et al., "AT&T encryption system protects information services," AT&T, January 9, 1995	
		Department of Defense Standard, "Department of Defense Trusted Computer system Evaluation Criteria," Dec. 26, 1995	
		Neuman, B. Clifford, "Proxy-Based Authorization and Accounting for Distributed Systems," 13th International Conference on Distributed Computing Systems, May 1993	
		LAMPSON, Butler, W., "Computer Security," Digital Equipment Corporation, July 1990	
		BIRRELL, Andrew D., "A Global Authentication Service without Global Trust," Digital Equipment Corporation, IEEE April 1986	
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		ABADI, M., "Authentication and Delegation with Smart-cards," Digital Equipment Corporation	
		Coalition for Networked Information, Nov. 21, 1991	
		ZELEZNIK, Michael P., "Security Design in Distributed Computing Application," Dec. 1993	
		THOMAS, Roshan K., "Implementing the Message Filter Object-Oriented Security Model without Trusted Subjects," George Mason University, Aug. 19, 1992	

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		Art Unit	3621
		Examiner Name	John M. Winter
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		GRAUBARI, Richard, "A Comparison of Three Secure KBMS Architectures," DATABASE SECURITY, 1990	
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		BISHOP, Matt, "Anatomy of a Proactive Password Changer," Department of Mathematics and Computer Science, Dartmouth College	
		WELSH, Dominic, "Codes and Cryptography," Oxford Science Publications	
		CARROLL, John M., "Computer Security," Butterworth Publishers, 1987	

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		YOUNG, William, D., "Verifiable Computer Security and Hardware: Issues," Comutational Logice Inc., Sept. 1991	

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		Art Unit	3621
		Examiner Name	John M. Winter
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		FEIERTAG, Richard J., et al., "The foundations of a provably secure operating system (PSOS), SRI International, AFIPS Press, 1979	
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Sheet	25	of	30	Attorney Docket Number	35040.001C4

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/770,353
				Filing Date	02/02/2004
				First Named Inventor	Ganapathy Krishnan
				Art Unit	3621
				Examiner Name	John M. Winter
Sheet	26	of	30	Attorney Docket Number	35040.001C4

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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